

What is Claimed is:

1. A developing device comprising:

a developer carrying member having a rubber hardness of 20 to 70 degrees, an elongation of 400 to 1200 % and a volume electrical resistance of 1×10^4 to $1 \times 10^8 \Omega \cdot \text{cm}$ at its surface;

a storage portion for storing a toner to be supplied to the developer carrying member, the toner containing an organic aromatic solvent and a vinyl monomer in combined concentrations of not more than 500 ppm; and

a regulating member disposed in contacting relation with the surface of the developer carrying member for regulating the amount of toner carried on the developer carrying member.

2. The developing device as claimed in Claim 1, wherein the developer carrying member comprises a metallic roller and a surface layer laid over an outer periphery of the roller.

3. The developing device as claimed in Claim 2, wherein the surface layer has a rubber hardness of 30 to 65 degrees, an elongation of 450 to 1000 % and a volume electrical resistance of 5×10^4 to $1 \times 10^8 \Omega \cdot \text{cm}$.

4. The developing device as claimed in Claim 1, wherein the toner contains the organic aromatic solvent and the

vinyl monomer in combined concentrations of not more than 300 ppm.

5. The developing device as claimed in Claim 1, wherein the toner contains the organic aromatic solvent and the vinyl monomer in combined concentrations of not more than 200 ppm.

6. A developing device comprising:

a developer carrying member for carrying a toner on its surface;

a storage portion for storing the toner to be supplied to the developer carrying member, the toner containing an organic aromatic solvent and a vinyl monomer in combined concentrations of not more than 500 ppm; and

a regulating member disposed in contacting relation with the surface of the developer carrying member for regulating the amount of toner carried on the developer carrying member, and having a rubber hardness of 20 to 70 degrees and an elongation of 100 to 800 %.

7. The developing device as claimed in Claim 6, wherein the regulating member has a rubber hardness of 30 to 65 degrees and an elongation of 200 to 700 %.

8. The developing device as claimed in Claim 6, wherein the regulating member has a volume electrical resistance of 1×10^2 to $1 \times 10^{10} \Omega \cdot \text{cm}$.

9. The developing device as claimed in Claim 6, wherein the toner contains the organic aromatic solvent and the vinyl monomer in combined concentrations of not more than 300 ppm.

10. The developing device as claimed in Claim 6, wherein the toner contains the organic aromatic solvent and the vinyl monomer in combined concentrations of not more than 200 ppm.

11. A developing device comprising:

a developer carrying member for carrying a toner on its surface;

a storage portion for storing the toner containing an organic aromatic solvent and a vinyl monomer in combined concentrations of not more than 500 ppm;

a supply roller for supplying the developer carrying member with the toner stored in the storage portion, the supply roller including an elastic-foam layer having an Asca F hardness of 30 to 80 degrees and a cell count of 2 to 10 cells/mm; and

a regulating member disposed in contacting relation with the surface of the developer carrying member for regulating the amount of toner carried on the developer carrying member.

12. The developing device as claimed in Claim 11, wherein the supply roller comprises a metallic roller and

an elastic-foam layer laid over an outer periphery of the roller.

13. The developing device as claimed in Claim 12, wherein the elastic-foam layer has an Asca F hardness of 35 to 75 degrees and a cell count of 3 to 9 cells/mm.

14. The developing device as claimed in Claim 11, wherein the elastic-foam layer has a volume electrical resistance of 1×10^2 to $1 \times 10^{10} \Omega \cdot \text{cm}$.

15. The developing device as claimed in Claim 11, wherein the toner contains the organic aromatic solvent and the vinyl monomer in combined concentrations of not more than 300 ppm.

16. An image forming apparatus comprising:

an image bearing member;

a charger member disposed in contacting relation with the image bearing member, and having a rubber hardness of 40 to 90 degrees and a volume electrical resistance of 1×10^4 to $1 \times 10^{10} \Omega \cdot \text{cm}$ at its portion contacting the image bearing member;

a developing device including a developer carrying member for carrying a toner on its surface, a storage portion for storing the toner containing an organic aromatic solvent and a vinyl monomer in combined concentrations of not more than 500 ppm, and a regulating member disposed in contacting relation with the surface of

the developer carrying member for regulating the amount of toner carried on the developer carrying member, the developing device operating to form a toner image on the image bearing member; and

a transfer member for transferring the toner image thus formed on the image bearing member onto a receiving medium.

17. The image forming apparatus as claimed in Claim 16, wherein the charger member is a charger roller comprising a metallic roller and a surface layer laid over an outer periphery of the roller.

18. The image forming apparatus as claimed in Claim 17, wherein the surface layer has a rubber hardness of 50 to 80 degrees and a volume electrical resistance of 1×10^5 to $1 \times 10^9 \Omega \cdot \text{cm}$.

19. The image forming apparatus as claimed in Claim 16, wherein the toner contains the organic aromatic solvent and the vinyl monomer in combined concentrations of not more than 300 ppm.

20. The image forming apparatus as claimed in Claim 16, wherein the transfer member is a transfer roller.